

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:** Frank L. Hall

**Serial No.:** Not Yet Assigned

**Filed:** May 21, 2001

**For:** METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF  
A LASER

**Examiner:** Unknown

**Group Art Unit:** Unknown

**Attorney Docket No.:** 4718US (00-0316)

# 2



**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EL740535714US

Date of Deposit with USPS: May 21, 2001

Person making Deposit: Jared Turner

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

DOCUMENTS

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
4,789,427	December 6, 1988	Fujimura et al.
5,200,031	April 6, 1993	Latchford et al.
5,597,590	January 28, 1997	Tanimoto et al.
5,686,211	November 11, 1997	Motegi et al.
6,009,888	January 4, 2000	Ye et al.
6,114,097	September 5, 2000	Malba et al.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,



James R. Duzan  
Registration No. 28,393  
Attorney for Applicant  
TRASK BRITT  
P. O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: (801) 532-1922

Date: May 21, 2001

JRD/djp

Enclosures: Form PTO-1449  
Copy of documents cited